

Volume of Petroleum Products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
October 2018	20,291.6	20,611.3	16,999.2	236,205.4	15,860.0	1,655.8	1,668.3	220.4	1,707.9	-
September 2018	19,844.7	20,142.9	17,110.8	230,037.8	20,689.8	1,675.5	1,687.0	225.9	1,808.2	-
October 2017	20,348.3	20,585.1	17,114.7	234,065.4	16,475.1	1,717.4	1,731.0	267.3	1,985.0	-
PAD District 1										
October 2018	6,553.6	6,644.5	W	W	1,543.2	568.3	571.3	W	W	-
September 2018	6,376.7	6,464.1	W	W	3,466.3	567.4	569.4	W	W	-
October 2017	6,813.1	6,855.4	W	W	3,498.9	579.5	582.0	W	W	-
Subdistrict 1A										
October 2018	W	W	W	W	W	W	W	-	30.5	-
September 2018	W	W	W	W	W	W	W	-	41.4	-
October 2017	W	W	W	W	W	W	W	-	33.1	-
Connecticut										
October 2018	-	W	W	2,275.9	W	-	-	-	10.5	-
September 2018	-	W	W	2,128.4	W	-	-	-	11.2	-
October 2017	-	W	-	1,843.0	NA	-	-	-	13.4	-
Maine										
October 2018	-	-	-	649.5	-	-	-	-	W	-
September 2018	-	-	W	W	-	-	-	-	W	-
October 2017	-	-	-	647.2	-	-	-	-	W	-
Massachusetts										
October 2018	W	W	-	1,229.5	-	W	W	-	5.3	-
September 2018	W	W	-	1,181.8	-	W	W	-	8.3	-
October 2017	W	W	-	855.7	-	W	W	-	4.1	-
New Hampshire										
October 2018	W	W	W	W	-	W	W	-	-	-
September 2018	W	W	W	W	-	W	W	-	-	-
October 2017	W	W	W	W	-	W	W	-	-	-
Rhode Island										
October 2018	W	W	-	W	-	W	W	-	W	-
September 2018	W	W	-	W	-	W	W	-	W	-
October 2017	W	W	-	W	W	W	W	-	W	-
Vermont										
October 2018	-	-	W	W	-	-	-	-	W	-
September 2018	-	-	W	W	-	-	-	-	W	-
October 2017	-	-	W	77.9	-	-	-	-	W	-
Subdistrict 1B										
October 2018	3,329.5	3,329.5	W	21,607.1	W	342.1	342.1	W	W	-
September 2018	3,269.3	3,269.3	W	21,148.6	W	344.0	344.0	W	W	-
October 2017	3,232.1	3,232.1	W	22,054.4	W	340.3	340.3	W	W	-
Delaware										
October 2018	W	W	-	1,070.4	-	W	W	-	9.2	-
September 2018	W	W	-	1,072.1	-	W	W	-	8.8	-
October 2017	W	W	-	1,026.2	-	W	W	-	11.5	-
District of Columbia										
October 2018	-	-	-	-	-	-	-	-	-	-
September 2018	-	-	-	-	-	-	-	-	-	-
October 2017	-	-	-	-	-	-	-	-	-	-
Maryland										
October 2018	-	-	-	3,690.4	-	-	-	-	52.9	-
September 2018	-	-	-	3,795.9	-	-	-	-	56.0	-
October 2017	-	-	-	4,031.6	-	-	-	-	61.2	-
New Jersey										
October 2018	W	W	W	6,865.1	W	W	W	W	W	-
September 2018	W	W	W	6,768.4	W	W	W	W	W	-
October 2017	W	W	W	6,422.6	W	W	W	W	W	-
New York										
October 2018	2,011.6	2,011.6	W	W	W	218.4	218.4	W	W	-
September 2018	1,985.3	1,985.3	W	W	W	221.6	221.6	W	W	-
October 2017	1,975.8	1,975.8	W	W	W	217.6	217.6	W	W	-
Pennsylvania										
October 2018	W	W	-	W	W	W	W	-	19.1	-
September 2018	W	W	-	W	W	W	W	-	18.6	-
October 2017	W	W	-	W	W	W	W	-	27.8	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
October 2018	2,401.2	2,432.7	4,666.2	28,576.2	1,891.1	24,348.6	24,712.2	21,885.8	266,489.5	17,751.1
September 2018	2,504.9	2,535.1	4,766.5	28,865.2	1,920.0	24,025.1	24,365.1	22,103.1	260,711.2	22,609.8
October 2017	2,567.9	2,590.6	4,909.5	29,220.6	1,860.1	24,633.5	24,906.8	22,291.5	265,271.0	18,335.2
PAD District 1										
October 2018	796.4	812.0	W	9,075.2	W	7,918.3	8,027.8	W	79,071.5	W
September 2018	826.5	840.1	W	9,082.8	W	7,770.6	7,873.6	W	77,220.0	W
October 2017	842.8	849.8	W	9,077.4	W	8,235.5	8,287.1	W	77,943.8	W
Subdistrict 1A										
October 2018	W	W	W	780.9	W	W	W	W	W	W
September 2018	W	W	W	W	W	W	W	W	5,730.9	W
October 2017	W	W	W	W	-	W	W	W	4,896.2	W
Connecticut										
October 2018	-	-	W	389.0	W	-	W	W	2,675.5	W
September 2018	-	-	W	376.0	W	-	W	W	2,515.6	W
October 2017	-	-	-	330.7	-	-	W	-	2,187.1	NA
Maine										
October 2018	-	-	-	W	-	-	-	-	702.8	-
September 2018	-	-	W	47.8	-	-	-	W	W	-
October 2017	-	-	W	49.8	-	-	-	W	W	-
Massachusetts										
October 2018	W	W	-	189.0	-	W	W	-	1,423.9	-
September 2018	W	W	-	189.0	-	W	W	-	1,379.1	-
October 2017	W	W	-	137.0	-	W	W	-	996.9	-
New Hampshire										
October 2018	W	W	W	W	-	W	W	W	W	-
September 2018	W	W	W	W	-	W	W	W	W	-
October 2017	W	W	W	W	-	W	W	W	W	-
Rhode Island										
October 2018	W	W	-	W	-	W	W	-	1,104.6	-
September 2018	W	W	-	W	-	W	W	-	1,048.4	-
October 2017	W	W	-	W	-	W	W	-	NA	W
Vermont										
October 2018	-	-	W	W	-	-	-	W	W	-
September 2018	-	-	W	W	-	-	-	W	W	-
October 2017	-	-	W	W	-	-	-	W	W	-
Subdistrict 1B										
October 2018	515.9	515.9	W	W	W	4,187.4	4,187.4	W	24,735.0	W
September 2018	536.3	536.3	W	W	231.2	4,149.5	4,149.6	W	24,286.0	W
October 2017	536.5	536.5	W	W	W	4,108.8	4,108.8	W	25,288.3	W
Delaware										
October 2018	W	W	-	123.7	-	W	W	-	1,203.3	-
September 2018	W	W	-	113.3	-	W	W	-	1,194.2	-
October 2017	W	W	-	125.2	-	W	W	-	1,162.9	-
District of Columbia										
October 2018	-	-	-	-	-	-	-	-	-	-
September 2018	-	-	-	-	-	-	-	-	-	-
October 2017	-	-	-	-	-	-	-	-	-	-
Maryland										
October 2018	-	-	-	585.8	-	-	-	-	4,329.1	-
September 2018	-	-	-	608.7	-	-	-	-	4,460.6	-
October 2017	-	-	-	638.4	-	-	-	-	4,731.3	-
New Jersey										
October 2018	W	W	W	992.2	W	W	W	W	W	1,081.5
September 2018	W	W	W	983.1	W	W	W	W	W	1,185.6
October 2017	W	W	W	944.0	W	W	W	W	W	1,135.5
New York										
October 2018	333.0	333.0	W	816.3	W	2,563.1	2,563.1	W	5,795.2	W
September 2018	352.6	352.6	W	W	W	2,559.5	2,559.5	W	5,671.2	W
October 2017	347.6	347.6	W	W	W	2,541.0	2,541.0	W	5,919.8	W
Pennsylvania										
October 2018	W	W	-	W	W	W	W	-	W	W
September 2018	W	W	-	W	W	W	W	-	W	W
October 2017	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
October 2018	W	W	-	W	W	W	W	-	431.1	-
September 2018	W	W	-	41,425.8	242.3	W	W	-	471.7	-
October 2017	W	W	-	41,983.9	96.6	W	W	-	455.8	-
Florida										
October 2018	W	W	-	13,747.2	-	W	W	-	131.5	-
September 2018	W	W	-	13,296.3	-	W	W	-	126.3	-
October 2017	W	W	-	13,389.2	-	W	W	-	108.5	-
Georgia										
October 2018	W	W	-	8,402.4	-	W	W	-	57.0	-
September 2018	W	W	-	W	W	W	W	-	56.5	-
October 2017	W	W	-	W	W	W	W	-	59.2	-
North Carolina										
October 2018	W	W	-	8,717.1	-	W	W	-	118.1	-
September 2018	W	W	-	W	W	W	W	-	156.9	-
October 2017	W	W	-	W	W	W	W	-	144.1	-
South Carolina										
October 2018	W	W	-	4,310.9	-	W	W	-	35.4	-
September 2018	W	W	-	4,081.0	-	W	W	-	41.7	-
October 2017	W	W	-	4,458.9	-	W	W	-	39.2	-
Virginia										
October 2018	-	-	-	W	W	-	-	-	82.1	-
September 2018	-	-	-	W	W	-	-	-	82.1	-
October 2017	W	W	-	W	W	W	W	-	97.0	-
West Virginia										
October 2018	W	W	-	W	W	W	W	-	7.1	-
September 2018	W	W	-	W	W	W	W	-	8.3	-
October 2017	W	W	-	606.8	-	W	W	-	7.7	-
PAD District 2										
October 2018	W	W	-	78,415.8	1,267.2	312.1	319.5	-	500.6	-
September 2018	W	W	-	74,884.3	1,009.9	307.9	314.6	-	494.8	-
October 2017	W	W	W	W	1,136.6	320.2	325.3	W	W	-
Illinois										
October 2018	W	W	-	W	W	W	W	-	70.1	-
September 2018	W	W	-	W	W	W	W	-	75.6	-
October 2017	W	W	-	W	W	W	W	-	80.3	-
Indiana										
October 2018	W	W	-	W	W	W	W	-	21.0	-
September 2018	W	W	-	W	W	W	W	-	21.1	-
October 2017	W	W	-	W	W	W	W	-	29.5	-
Iowa										
October 2018	-	W	-	2,541.0	-	-	-	-	50.7	-
September 2018	-	W	-	2,295.7	-	-	-	-	50.9	-
October 2017	-	W	-	2,624.4	-	-	-	-	59.5	-
Kansas										
October 2018	W	W	-	W	W	W	W	-	17.0	-
September 2018	W	W	-	W	W	W	W	-	19.2	-
October 2017	W	W	-	W	W	W	W	-	24.4	-
Kentucky										
October 2018	W	W	-	W	W	W	W	-	13.1	-
September 2018	W	W	-	W	W	W	W	-	12.2	-
October 2017	W	W	-	W	W	W	W	-	13.5	-
Michigan										
October 2018	W	W	-	10,248.2	-	W	W	-	16.6	-
September 2018	W	W	-	9,876.7	-	W	W	-	16.5	-
October 2017	W	W	-	9,803.4	-	W	W	-	14.3	-
Minnesota										
October 2018	709.3	711.8	-	5,224.9	-	W	W	-	75.7	-
September 2018	W	W	-	4,690.8	-	W	W	-	75.9	-
October 2017	W	W	W	4,937.5	W	W	W	W	W	-
Missouri										
October 2018	-	W	-	W	W	-	-	-	17.8	-
September 2018	-	W	-	W	W	-	-	-	16.0	-
October 2017	-	-	-	3,466.6	-	-	-	-	19.5	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C										
October 2018	W	W	-	W	W	W	W	-	W	W
September 2018	W	W	-	5,305.6	-	W	W	-	47,203.2	242.3
October 2017	W	W	-	5,319.5	-	W	W	-	47,759.3	96.6
Florida										
October 2018	W	W	-	1,891.5	-	W	W	-	15,770.3	-
September 2018	W	W	-	1,816.5	-	W	W	-	15,239.1	-
October 2017	W	W	-	1,885.3	-	W	W	-	15,383.0	-
Georgia										
October 2018	W	W	-	1,031.5	-	W	W	-	9,490.9	-
September 2018	W	W	-	1,041.8	-	W	W	-	W	W
October 2017	W	W	-	1,001.5	-	W	W	-	W	W
North Carolina										
October 2018	W	W	-	1,004.1	-	W	W	-	9,839.3	-
September 2018	W	W	-	1,065.5	-	W	W	-	W	W
October 2017	W	W	-	1,038.2	-	W	W	-	W	W
South Carolina										
October 2018	W	W	-	415.0	-	W	W	-	4,761.4	-
September 2018	W	W	-	425.5	-	W	W	-	4,548.2	-
October 2017	W	W	-	451.1	-	W	W	-	4,949.2	-
Virginia										
October 2018	-	-	-	912.4	-	-	-	-	W	W
September 2018	-	-	-	922.4	-	-	-	-	W	W
October 2017	W	W	-	910.5	-	W	W	-	W	W
West Virginia										
October 2018	W	W	-	W	W	W	W	-	W	W
September 2018	W	W	-	33.9	-	W	W	-	W	W
October 2017	W	W	-	33.1	-	W	W	-	647.6	-
PAD District 2										
October 2018	W	433.9	-	6,418.2	476.7	W	W	-	85,334.5	1,743.9
September 2018	W	445.3	-	6,405.6	425.0	W	W	-	81,784.7	1,434.9
October 2017	W	W	W	6,509.9	W	W	8,886.4	W	83,774.8	W
Illinois										
October 2018	W	W	-	W	W	W	W	-	12,060.4	90.6
September 2018	W	W	-	W	W	W	W	-	11,757.9	81.1
October 2017	W	W	-	1,175.3	-	W	W	-	W	W
Indiana										
October 2018	W	W	-	405.0	-	W	W	-	W	W
September 2018	W	W	-	W	W	W	W	-	W	W
October 2017	W	W	-	W	W	W	W	-	W	W
Iowa										
October 2018	-	-	-	262.3	-	-	W	-	2,854.0	-
September 2018	-	-	-	262.0	-	-	W	-	2,608.6	-
October 2017	-	-	-	273.3	-	-	W	-	2,957.2	-
Kansas										
October 2018	-	-	-	W	W	W	W	-	W	W
September 2018	-	-	-	W	W	W	W	-	4,394.4	364.0
October 2017	-	-	-	W	W	W	W	-	W	W
Kentucky										
October 2018	W	W	-	221.0	-	W	W	-	W	W
September 2018	W	W	-	219.4	-	W	W	-	W	W
October 2017	W	W	-	W	W	W	W	-	W	W
Michigan										
October 2018	W	W	-	W	W	W	W	-	W	W
September 2018	W	W	-	W	W	W	W	-	W	W
October 2017	W	W	-	W	W	W	W	-	W	W
Minnesota										
October 2018	W	W	-	W	W	806.8	813.4	-	W	W
September 2018	W	W	-	W	W	W	W	-	W	W
October 2017	W	W	W	W	W	W	W	W	5,454.7	W
Missouri										
October 2018	-	-	-	W	W	-	W	-	W	W
September 2018	-	-	-	W	W	-	W	-	W	W
October 2017	-	-	-	260.4	-	-	-	-	3,746.5	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
October 2018	W	W	-	1,561.4	-	W	W	-	14.5	-
September 2018	W	W	-	1,486.3	-	W	W	-	14.6	-
October 2017	W	W	-	1,526.9	-	W	W	-	17.7	-
North Dakota										
October 2018	W	W	-	950.1	-	W	W	-	18.5	-
September 2018	W	W	-	832.9	-	W	W	-	16.1	-
October 2017	W	W	-	889.6	-	W	W	-	19.2	-
Ohio										
October 2018	W	W	-	10,513.9	-	W	W	-	41.7	-
September 2018	W	W	-	9,914.2	-	W	W	-	40.2	-
October 2017	W	W	-	9,896.2	-	W	W	-	45.3	-
Oklahoma										
October 2018	W	W	-	W	W	W	W	-	5.6	-
September 2018	W	W	-	3,770.4	623.0	W	W	-	5.1	-
October 2017	W	W	-	W	W	W	W	-	4.0	-
South Dakota										
October 2018	W	W	-	996.3	-	W	W	-	19.0	-
September 2018	W	W	-	959.1	-	W	W	-	17.8	-
October 2017	W	W	-	895.9	-	W	W	-	22.7	-
Tennessee										
October 2018	W	W	-	9,345.0	-	W	W	-	80.7	-
September 2018	W	W	-	9,094.7	-	W	W	-	77.2	-
October 2017	W	W	-	9,472.4	-	W	W	-	81.1	-
Wisconsin										
October 2018	W	W	-	5,357.1	-	W	W	-	38.4	-
September 2018	W	W	-	4,883.0	-	W	W	-	36.4	-
October 2017	W	W	W	W	-	W	W	W	W	-
PAD District 3										
October 2018	911.1	944.3	W	49,444.6	W	87.5	87.7	W	W	-
September 2018	919.6	953.3	W	48,412.8	W	89.2	89.2	W	W	-
October 2017	NA	953.3	W	W	W	93.5	93.5	W	W	-
Alabama										
October 2018	-	W	-	4,949.0	-	-	-	-	42.9	-
September 2018	-	W	-	4,712.0	-	-	-	-	39.2	-
October 2017	-	W	-	4,624.8	-	-	-	-	36.3	-
Arkansas										
October 2018	-	-	-	2,910.5	-	-	-	-	14.1	-
September 2018	-	-	-	2,796.7	-	-	-	-	15.5	-
October 2017	-	-	-	2,809.6	-	-	-	-	18.6	-
Louisiana										
October 2018	-	W	-	W	W	-	-	-	16.5	-
September 2018	-	W	-	W	W	-	-	-	15.4	-
October 2017	-	W	-	W	W	-	-	-	19.4	-
Mississippi										
October 2018	-	-	-	W	W	-	-	-	21.2	-
September 2018	-	-	-	W	W	-	-	-	21.2	-
October 2017	-	-	-	W	W	-	-	-	22.7	-
New Mexico										
October 2018	W	393.2	W	W	-	W	50.5	W	W	-
September 2018	W	397.2	W	W	-	W	W	W	W	-
October 2017	W	400.3	W	W	-	W	W	W	W	-
Texas										
October 2018	W	W	W	31,245.9	W	W	37.2	-	124.9	-
September 2018	W	536.9	W	30,866.5	W	W	W	-	153.8	-
October 2017	W	NA	W	31,302.7	W	W	W	-	179.0	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
October 2018	-	-	-	168.2	-	W	W	-	1,744.2	-
September 2018	-	-	-	160.2	-	W	W	-	1,661.1	-
October 2017	-	-	-	163.4	-	W	W	-	1,708.0	-
North Dakota										
October 2018	W	W	-	91.0	-	W	W	-	1,059.6	-
September 2018	W	W	-	84.8	-	W	W	-	933.7	-
October 2017	W	W	-	82.9	-	W	W	-	991.7	-
Ohio										
October 2018	W	W	-	W	W	W	W	-	W	W
September 2018	W	W	-	W	W	W	W	-	W	W
October 2017	W	W	-	W	W	W	W	-	W	W
Oklahoma										
October 2018	W	W	-	W	W	W	W	-	4,311.5	775.0
September 2018	W	W	-	384.2	140.0	W	W	-	4,159.7	763.0
October 2017	W	W	-	W	W	W	W	-	4,485.5	406.0
South Dakota										
October 2018	W	W	-	89.4	-	W	W	-	1,104.6	-
September 2018	W	W	-	86.1	-	W	W	-	1,063.0	-
October 2017	W	W	-	87.2	-	W	W	-	1,005.8	-
Tennessee										
October 2018	W	W	-	W	W	W	W	-	W	W
September 2018	W	W	-	857.4	-	W	W	-	10,029.3	-
October 2017	W	W	-	896.9	-	W	W	-	10,450.4	-
Wisconsin										
October 2018	W	W	-	412.1	-	W	W	-	5,807.5	-
September 2018	W	W	-	444.3	-	W	W	-	5,363.7	-
October 2017	W	W	W	451.1	W	W	W	W	5,884.6	W
PAD District 3										
October 2018	80.5	86.3	W	W	825.5	1,079.1	1,118.3	W	54,807.6	W
September 2018	84.2	90.0	W	W	803.5	1,093.0	1,132.6	W	53,759.8	W
October 2017	91.4	97.8	W	5,261.9	W	1,106.0	1,144.5	W	54,595.3	W
Alabama										
October 2018	-	W	-	449.7	-	-	W	-	5,441.7	-
September 2018	-	W	-	433.9	-	-	W	-	5,185.1	-
October 2017	-	W	-	431.2	-	-	W	-	5,092.3	-
Arkansas										
October 2018	-	-	-	230.8	-	-	-	-	3,155.5	-
September 2018	-	-	-	234.7	-	-	-	-	3,046.9	-
October 2017	-	-	-	231.2	-	-	-	-	3,059.4	-
Louisiana										
October 2018	-	-	-	W	W	-	W	-	6,409.2	3,719.7
September 2018	-	-	-	W	W	-	W	-	6,215.4	3,431.6
October 2017	-	-	-	W	W	-	W	-	6,447.8	1,433.9
Mississippi										
October 2018	-	-	-	225.6	-	-	-	-	W	W
September 2018	-	-	-	215.2	-	-	-	-	W	W
October 2017	-	-	-	232.0	-	-	-	-	W	W
New Mexico										
October 2018	W	41.3	W	W	-	W	485.0	W	W	-
September 2018	W	W	W	W	-	W	491.7	W	W	-
October 2017	W	W	W	W	-	W	500.4	W	W	-
Texas										
October 2018	W	W	W	3,473.9	W	W	W	W	34,844.7	W
September 2018	W	W	W	3,498.4	W	W	617.2	W	34,518.7	W
October 2017	W	W	W	3,618.8	W	W	NA	W	35,100.6	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
October 2018	W	W	W	W	W	68.9	70.1	-	115.6	-
September 2018	W	W	W	W	W	74.0	76.2	-	131.0	-
October 2017	W	W	W	10,838.4	W	76.7	78.3	-	138.5	-
Colorado										
October 2018	W	146.6	W	W	W	39.7	40.0	-	46.6	-
September 2018	W	146.6	W	W	W	44.5	45.3	-	51.1	-
October 2017	W	157.1	W	W	W	43.7	44.7	-	63.7	-
Idaho										
October 2018	W	W	-	1,438.2	-	W	W	-	6.5	-
September 2018	W	W	-	1,443.0	-	W	W	-	7.9	-
October 2017	W	W	-	1,372.1	-	W	W	-	7.5	-
Montana										
October 2018	W	W	-	1,248.8	-	W	W	-	W	-
September 2018	W	W	-	1,320.0	-	W	W	-	W	-
October 2017	W	W	-	1,408.9	-	W	W	-	W	-
Utah										
October 2018	W	W	W	W	-	W	W	-	45.6	-
September 2018	W	W	W	W	W	W	W	-	54.1	-
October 2017	W	W	W	W	W	W	W	-	47.9	-
Wyoming										
October 2018	W	10.5	-	883.1	-	W	W	-	W	-
September 2018	W	11.4	-	907.7	-	W	W	-	W	-
October 2017	W	10.4	-	852.6	-	W	W	-	W	-
PAD District 5										
October 2018	4,342.0	4,409.9	15,596.7	28,342.6	2,097.2	618.9	619.7	W	W	-
September 2018	4,376.8	4,439.9	15,755.3	28,346.2	2,775.6	637.0	637.7	W	W	-
October 2017	4,231.2	4,291.8	15,684.8	29,267.7	1,803.1	647.5	652.0	256.9	341.0	-
Alaska										
October 2018	W	W	W	W	W	W	W	W	W	-
September 2018	W	W	71.8	W	NA	W	W	W	W	-
October 2017	W	W	83.0	W	W	W	W	W	W	-
Arizona										
October 2018	W	W	W	4,256.7	W	W	W	W	W	-
September 2018	W	W	W	4,258.5	W	W	W	W	W	-
October 2017	W	W	W	4,131.5	W	W	W	W	W	-
California										
October 2018	3,178.2	3,179.4	11,753.5	13,932.2	1,600.5	530.3	530.4	134.9	172.5	-
September 2018	3,178.1	3,179.1	11,885.2	13,925.8	1,957.4	544.7	544.7	138.0	177.2	-
October 2017	3,051.1	3,052.8	W	15,028.9	W	552.3	552.3	162.7	216.3	-
Hawaii										
October 2018	W	W	W	W	W	W	W	W	W	-
September 2018	W	W	W	W	W	W	W	W	W	-
October 2017	W	W	W	W	W	W	W	W	W	-
Nevada										
October 2018	W	W	W	1,482.5	W	W	W	W	W	-
September 2018	W	W	W	1,485.1	W	W	W	W	W	-
October 2017	W	W	W	1,465.5	W	W	W	W	W	-
Oregon										
October 2018	95.2	95.2	760.7	W	W	6.0	6.0	W	W	-
September 2018	95.6	95.6	776.0	3,047.1	-	6.2	6.2	3.9	7.1	-
October 2017	94.7	94.7	W	3,027.5	W	6.5	6.5	4.1	10.6	-
Washington										
October 2018	334.3	341.4	W	4,950.7	W	29.3	29.5	W	W	-
September 2018	346.7	353.1	W	4,951.1	W	29.9	30.2	W	W	-
October 2017	339.8	346.6	1,085.6	W	W	32.6	32.9	W	W	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
October 2018	W	63.5	W	W	W	W	W	W	12,959.5	W
September 2018	W	67.6	W	W	W	W	W	W	13,391.1	W
October 2017	W	W	W	2,297.6	W	W	527.1	W	13,274.5	W
Colorado										
October 2018	W	29.8	W	W	-	211.4	216.4	W	5,319.5	W
September 2018	W	32.4	W	W	-	218.9	224.3	W	5,599.0	W
October 2017	W	33.3	W	W	-	231.3	235.2	W	5,676.5	W
Idaho										
October 2018	W	W	-	243.4	-	W	W	-	1,688.1	-
September 2018	W	W	-	246.0	-	W	W	-	1,696.8	-
October 2017	W	W	-	236.1	-	W	W	-	1,615.6	-
Montana										
October 2018	W	W	-	W	-	W	W	-	1,477.8	-
September 2018	W	W	-	W	-	W	W	-	1,572.9	-
October 2017	W	W	-	W	-	W	W	-	1,688.3	-
Utah										
October 2018	W	W	W	W	W	W	W	W	3,442.3	W
September 2018	W	W	W	W	W	W	W	W	3,457.9	W
October 2017	W	W	W	W	W	W	W	W	3,282.7	W
Wyoming										
October 2018	W	W	-	W	-	W	13.0	-	1,031.8	-
September 2018	W	W	-	W	-	W	14.2	-	1,064.4	-
October 2017	W	W	-	W	-	W	13.1	-	1,011.5	-
PAD District 5										
October 2018	1,031.1	1,037.0	4,293.7	W	W	5,992.1	6,066.7	W	34,316.3	W
September 2018	1,085.6	1,092.1	4,383.1	W	W	6,099.4	6,169.6	W	34,555.6	W
October 2017	1,112.5	1,117.7	4,522.3	6,073.7	377.9	5,991.2	6,061.5	20,464.0	35,682.5	2,181.0
Alaska										
October 2018	W	W	W	29.1	W	W	W	W	W	W
September 2018	W	W	W	33.6	-	W	W	W	W	NA
October 2017	W	W	W	W	-	W	W	101.7	W	W
Arizona										
October 2018	W	W	150.6	W	W	W	W	W	4,840.6	W
September 2018	W	W	144.7	W	W	W	W	W	4,867.5	W
October 2017	W	W	180.5	W	W	W	W	W	4,686.7	W
California										
October 2018	865.1	865.1	3,489.4	3,412.7	352.4	4,573.5	4,574.9	15,377.8	17,517.4	1,952.9
September 2018	912.7	912.7	3,597.0	3,567.4	330.7	4,635.5	4,636.5	15,620.2	17,670.4	2,288.1
October 2017	922.7	922.7	W	3,787.5	W	4,526.1	4,527.9	15,324.2	19,032.7	1,635.7
Hawaii										
October 2018	W	W	W	W	W	W	W	W	W	W
September 2018	W	W	W	W	W	W	W	W	W	W
October 2017	W	W	W	W	W	W	W	W	W	W
Nevada										
October 2018	W	W	W	W	-	W	W	W	1,825.8	W
September 2018	W	W	W	W	-	W	W	W	1,840.1	W
October 2017	W	W	W	W	W	W	W	W	1,843.1	W
Oregon										
October 2018	13.8	13.8	124.5	372.3	-	115.0	115.0	W	3,455.4	W
September 2018	14.1	14.1	126.8	391.6	-	115.9	115.9	906.8	3,445.7	-
October 2017	14.0	14.0	W	383.6	W	115.3	115.3	952.9	3,421.6	136.4
Washington										
October 2018	44.1	44.3	227.8	W	W	407.7	415.2	W	5,911.4	W
September 2018	45.9	46.1	226.3	W	W	422.5	429.4	W	5,929.1	W
October 2017	50.1	50.4	239.9	941.2	-	422.6	429.9	W	6,070.9	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
October 2018	14,882.3	15,220.8	4,274.1	188,941.9	15,074.0
September 2018	14,585.7	14,904.1	4,266.3	183,776.9	19,497.0
October 2017	15,251.0	15,501.5	4,714.7	186,806.6	14,680.9
PAD District 1					
October 2018	W	W	W	50,558.9	W
September 2018	W	W	W	49,216.8	W
October 2017	W	W	W	50,481.9	W
Subdistrict 1A					
October 2018	-	-	W	W	-
September 2018	-	-	W	W	-
October 2017	-	-	W	W	-
Connecticut					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Maine					
October 2018	-	-	-	W	-
September 2018	-	-	W	W	-
October 2017	-	-	W	W	-
Massachusetts					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
New Hampshire					
October 2018	-	-	W	-	-
September 2018	-	-	W	-	-
October 2017	-	-	W	W	-
Rhode Island					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Vermont					
October 2018	-	-	W	W	-
September 2018	-	-	W	W	-
October 2017	-	-	W	W	-
Subdistrict 1B					
October 2018	W	W	W	6,177.5	W
September 2018	W	W	W	W	W
October 2017	W	W	W	W	W
Delaware					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
District of Columbia					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Maryland					
October 2018	-	-	-	392.2	-
September 2018	-	-	-	429.2	-
October 2017	-	-	-	W	-
New Jersey					
October 2018	-	-	-	-	W
September 2018	-	-	-	-	237.3
October 2017	-	-	-	-	W
New York					
October 2018	W	W	W	W	W
September 2018	W	W	W	W	W
October 2017	W	W	W	W	W
Pennsylvania					
October 2018	W	W	-	W	-
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
October 2018	9,466.3	9,491.4	17,611.8	77,547.5	2,677.0
September 2018	9,439.3	9,461.0	17,836.8	76,934.3	3,112.8
October 2017	9,382.5	9,405.3	17,576.8	78,464.4	3,654.2
PAD District 1					
October 2018	W	W	W	28,512.7	W
September 2018	W	W	W	28,003.2	W
October 2017	W	W	W	27,461.9	W
Subdistrict 1A					
October 2018	W	W	W	5,542.1	W
September 2018	W	W	W	W	W
October 2017	W	W	-	W	W
Connecticut					
October 2018	-	W	W	2,675.5	W
September 2018	-	W	W	2,515.6	W
October 2017	-	W	-	2,187.1	NA
Maine					
October 2018	-	-	-	W	-
September 2018	-	-	-	W	-
October 2017	-	-	-	W	-
Massachusetts					
October 2018	W	W	-	1,423.9	-
September 2018	W	W	-	1,379.1	-
October 2017	W	W	-	996.9	-
New Hampshire					
October 2018	W	W	-	W	-
September 2018	W	W	-	W	-
October 2017	W	W	-	-	-
Rhode Island					
October 2018	W	W	-	W	-
September 2018	W	W	-	1,048.4	-
October 2017	W	W	-	W	W
Vermont					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Subdistrict 1B					
October 2018	W	W	W	18,557.5	W
September 2018	W	W	W	W	1,270.5
October 2017	W	W	W	W	W
Delaware					
October 2018	W	W	-	1,203.3	-
September 2018	W	W	-	1,194.2	-
October 2017	W	W	-	1,162.9	-
District of Columbia					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Maryland					
October 2018	-	-	-	3,936.9	-
September 2018	-	-	-	4,031.4	-
October 2017	-	-	-	W	-
New Jersey					
October 2018	W	W	W	W	W
September 2018	W	W	W	W	948.3
October 2017	W	W	W	W	W
New York					
October 2018	W	W	W	W	W
September 2018	W	W	W	W	W
October 2017	W	W	W	W	-
Pennsylvania					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States					
October 2018	24,348.6	24,712.2	21,885.8	266,489.5	17,751.1
September 2018	24,025.1	24,365.1	22,103.1	260,711.2	22,609.8
October 2017	24,633.5	24,906.8	22,291.5	265,271.0	18,335.2
PAD District 1					
October 2018	7,918.3	8,027.8	W	79,071.5	W
September 2018	7,770.6	7,873.6	W	77,220.0	W
October 2017	8,235.5	8,287.1	W	77,943.8	W
Subdistrict 1A					
October 2018	W	W	W	W	W
September 2018	W	W	W	5,730.9	W
October 2017	W	W	W	4,896.2	W
Connecticut					
October 2018	-	W	W	2,675.5	W
September 2018	-	W	W	2,515.6	W
October 2017	-	W	-	2,187.1	NA
Maine					
October 2018	-	-	-	702.8	-
September 2018	-	-	W	W	-
October 2017	-	-	W	W	-
Massachusetts					
October 2018	W	W	-	1,423.9	-
September 2018	W	W	-	1,379.1	-
October 2017	W	W	-	996.9	-
New Hampshire					
October 2018	W	W	W	W	-
September 2018	W	W	W	W	-
October 2017	W	W	W	W	-
Rhode Island					
October 2018	W	W	-	1,104.6	-
September 2018	W	W	-	1,048.4	-
October 2017	W	W	-	NA	W
Vermont					
October 2018	-	-	W	W	-
September 2018	-	-	W	W	-
October 2017	-	-	W	W	-
Subdistrict 1B					
October 2018	4,187.4	4,187.4	W	24,735.0	W
September 2018	4,149.5	4,149.6	W	24,286.0	W
October 2017	4,108.8	4,108.8	W	25,288.3	W
Delaware					
October 2018	W	W	-	1,203.3	-
September 2018	W	W	-	1,194.2	-
October 2017	W	W	-	1,162.9	-
District of Columbia					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Maryland					
October 2018	-	-	-	4,329.1	-
September 2018	-	-	-	4,460.6	-
October 2017	-	-	-	4,731.3	-
New Jersey					
October 2018	W	W	W	W	1,081.5
September 2018	W	W	W	W	1,185.6
October 2017	W	W	W	W	1,135.5
New York					
October 2018	2,563.1	2,563.1	W	5,795.2	W
September 2018	2,559.5	2,559.5	W	5,671.2	W
October 2017	2,541.0	2,541.0	W	5,919.8	W
Pennsylvania					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
October 2018	W	W	-	W	W
September 2018	W	W	-	42,797.6	242.3
October 2017	W	W	-	43,377.6	96.6
Florida					
October 2018	W	W	-	15,770.3	-
September 2018	W	W	-	15,239.1	-
October 2017	W	W	-	15,383.0	-
Georgia					
October 2018	W	W	-	9,490.9	-
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
North Carolina					
October 2018	W	W	-	9,839.3	-
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
South Carolina					
October 2018	W	W	-	4,761.4	-
September 2018	W	W	-	4,548.2	-
October 2017	W	W	-	4,949.2	-
Virginia					
October 2018	-	-	-	W	W
September 2018	-	-	-	W	W
October 2017	W	W	-	W	W
West Virginia					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	647.6	-
PAD District 2					
October 2018	W	7,438.2	-	W	W
September 2018	W	7,173.1	-	W	W
October 2017	7,223.4	W	W	W	W
Illinois					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
Indiana					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
Iowa					
October 2018	-	W	-	2,854.0	-
September 2018	-	W	-	2,608.6	-
October 2017	-	W	-	2,957.2	-
Kansas					
October 2018	W	W	-	W	W
September 2018	W	W	-	4,394.4	364.0
October 2017	W	W	-	W	W
Kentucky					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
Michigan					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
Minnesota					
October 2018	806.8	813.4	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	W	5,454.7	W
Missouri					
October 2018	-	W	-	2,980.5	-
September 2018	-	W	-	2,866.4	-
October 2017	-	-	-	2,959.6	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
October 2018	-	-	-	4,413.0	-
September 2018	-	-	-	4,405.6	-
October 2017	-	-	-	4,381.7	-
Florida					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Georgia					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
North Carolina					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
South Carolina					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Virginia					
October 2018	-	-	-	4,413.0	-
September 2018	-	-	-	4,405.6	-
October 2017	-	-	-	4,381.7	-
West Virginia					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
PAD District 2					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
Illinois					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
Indiana					
October 2018	W	W	-	932.9	-
September 2018	W	W	-	925.9	-
October 2017	W	W	-	912.5	-
Iowa					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Kansas					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Kentucky					
October 2018	W	W	-	635.1	-
September 2018	W	W	-	647.5	-
October 2017	W	W	-	782.5	-
Michigan					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Minnesota					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Missouri					
October 2018	-	-	-	W	W
September 2018	-	-	-	W	W
October 2017	-	-	-	786.8	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
October 2018	W	W	-	W	W
September 2018	W	W	-	47,203.2	242.3
October 2017	W	W	-	47,759.3	96.6
Florida					
October 2018	W	W	-	15,770.3	-
September 2018	W	W	-	15,239.1	-
October 2017	W	W	-	15,383.0	-
Georgia					
October 2018	W	W	-	9,490.9	-
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
North Carolina					
October 2018	W	W	-	9,839.3	-
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
South Carolina					
October 2018	W	W	-	4,761.4	-
September 2018	W	W	-	4,548.2	-
October 2017	W	W	-	4,949.2	-
Virginia					
October 2018	-	-	-	W	W
September 2018	-	-	-	W	W
October 2017	W	W	-	W	W
West Virginia					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	647.6	-
PAD District 2					
October 2018	W	W	-	85,334.5	1,743.9
September 2018	W	W	-	81,784.7	1,434.9
October 2017	W	8,886.4	W	83,774.8	W
Illinois					
October 2018	W	W	-	12,060.4	90.6
September 2018	W	W	-	11,757.9	81.1
October 2017	W	W	-	W	W
Indiana					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
Iowa					
October 2018	-	W	-	2,854.0	-
September 2018	-	W	-	2,608.6	-
October 2017	-	W	-	2,957.2	-
Kansas					
October 2018	W	W	-	W	W
September 2018	W	W	-	4,394.4	364.0
October 2017	W	W	-	W	W
Kentucky					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
Michigan					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
Minnesota					
October 2018	806.8	813.4	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	W	5,454.7	W
Missouri					
October 2018	-	W	-	W	W
September 2018	-	W	-	W	W
October 2017	-	-	-	3,746.5	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
October 2018	W	W	-	1,744.2	-
September 2018	W	W	-	1,661.1	-
October 2017	W	W	-	1,708.0	-
North Dakota					
October 2018	W	W	-	1,059.6	-
September 2018	W	W	-	933.7	-
October 2017	W	W	-	991.7	-
Ohio					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
Oklahoma					
October 2018	W	W	-	4,311.5	775.0
September 2018	W	W	-	4,159.7	763.0
October 2017	W	W	-	4,485.5	406.0
South Dakota					
October 2018	W	W	-	1,104.6	-
September 2018	W	W	-	1,063.0	-
October 2017	W	W	-	1,005.8	-
Tennessee					
October 2018	W	W	-	W	W
September 2018	W	W	-	10,029.3	-
October 2017	W	W	-	10,450.4	-
Wisconsin					
October 2018	W	51.3	-	4,224.9	-
September 2018	W	51.1	-	3,916.0	-
October 2017	W	57.5	W	4,264.6	W
PAD District 3					
October 2018	1,079.1	1,118.3	W	W	W
September 2018	1,093.0	1,132.6	W	W	W
October 2017	1,106.0	1,144.5	W	38,127.9	W
Alabama					
October 2018	-	W	-	5,441.7	-
September 2018	-	W	-	5,185.1	-
October 2017	-	W	-	5,092.3	-
Arkansas					
October 2018	-	-	-	3,155.5	-
September 2018	-	-	-	3,046.9	-
October 2017	-	-	-	3,059.4	-
Louisiana					
October 2018	-	W	-	6,409.2	3,719.7
September 2018	-	W	-	6,215.4	3,431.6
October 2017	-	W	-	6,447.8	1,433.9
Mississippi					
October 2018	-	-	-	W	W
September 2018	-	-	-	W	W
October 2017	-	-	-	W	W
New Mexico					
October 2018	W	485.0	W	W	-
September 2018	W	491.7	W	W	-
October 2017	W	500.4	W	W	-
Texas					
October 2018	W	W	W	W	W
September 2018	W	617.2	W	W	W
October 2017	W	NA	W	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
North Dakota					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Ohio					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Oklahoma					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
South Dakota					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Tennessee					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Wisconsin					
October 2018	W	W	-	1,582.6	-
September 2018	W	W	-	1,447.7	-
October 2017	W	W	-	1,619.9	-
PAD District 3					
October 2018	-	-	-	W	W
September 2018	-	-	-	W	W
October 2017	-	-	-	16,467.4	-
Alabama					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Arkansas					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Louisiana					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Mississippi					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
New Mexico					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Texas					
October 2018	-	-	-	W	W
September 2018	-	-	-	W	W
October 2017	-	-	-	W	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
October 2018	W	W	-	1,744.2	-
September 2018	W	W	-	1,661.1	-
October 2017	W	W	-	1,708.0	-
North Dakota					
October 2018	W	W	-	1,059.6	-
September 2018	W	W	-	933.7	-
October 2017	W	W	-	991.7	-
Ohio					
October 2018	W	W	-	W	W
September 2018	W	W	-	W	W
October 2017	W	W	-	W	W
Oklahoma					
October 2018	W	W	-	4,311.5	775.0
September 2018	W	W	-	4,159.7	763.0
October 2017	W	W	-	4,485.5	406.0
South Dakota					
October 2018	W	W	-	1,104.6	-
September 2018	W	W	-	1,063.0	-
October 2017	W	W	-	1,005.8	-
Tennessee					
October 2018	W	W	-	W	W
September 2018	W	W	-	10,029.3	-
October 2017	W	W	-	10,450.4	-
Wisconsin					
October 2018	W	W	-	5,807.5	-
September 2018	W	W	-	5,363.7	-
October 2017	W	W	W	5,884.6	W
PAD District 3					
October 2018	1,079.1	1,118.3	W	54,807.6	W
September 2018	1,093.0	1,132.6	W	53,759.8	W
October 2017	1,106.0	1,144.5	W	54,595.3	W
Alabama					
October 2018	-	W	-	5,441.7	-
September 2018	-	W	-	5,185.1	-
October 2017	-	W	-	5,092.3	-
Arkansas					
October 2018	-	-	-	3,155.5	-
September 2018	-	-	-	3,046.9	-
October 2017	-	-	-	3,059.4	-
Louisiana					
October 2018	-	W	-	6,409.2	3,719.7
September 2018	-	W	-	6,215.4	3,431.6
October 2017	-	W	-	6,447.8	1,433.9
Mississippi					
October 2018	-	-	-	W	W
September 2018	-	-	-	W	W
October 2017	-	-	-	W	W
New Mexico					
October 2018	W	485.0	W	W	-
September 2018	W	491.7	W	W	-
October 2017	W	500.4	W	W	-
Texas					
October 2018	W	W	W	34,844.7	W
September 2018	W	617.2	W	34,518.7	W
October 2017	W	NA	W	35,100.6	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
October 2018	W	W	W	12,959.5	W
September 2018	W	W	W	13,391.1	W
October 2017	W	527.1	W	13,274.5	W
Colorado					
October 2018	211.4	216.4	W	5,319.5	W
September 2018	218.9	224.3	W	5,599.0	W
October 2017	231.3	235.2	W	5,676.5	W
Idaho					
October 2018	W	W	-	1,688.1	-
September 2018	W	W	-	1,696.8	-
October 2017	W	W	-	1,615.6	-
Montana					
October 2018	W	W	-	1,477.8	-
September 2018	W	W	-	1,572.9	-
October 2017	W	W	-	1,688.3	-
Utah					
October 2018	W	W	W	3,442.3	W
September 2018	W	W	W	3,457.9	W
October 2017	W	W	W	3,282.7	W
Wyoming					
October 2018	W	13.0	-	1,031.8	-
September 2018	W	14.2	-	1,064.4	-
October 2017	W	13.1	-	1,011.5	-
PAD District 5					
October 2018	1,418.5	W	W	13,843.3	W
September 2018	1,463.9	W	W	13,872.6	W
October 2017	W	1,530.6	W	W	W
Alaska					
October 2018	W	W	W	W	W
September 2018	W	W	W	W	NA
October 2017	W	W	101.7	W	W
Arizona					
October 2018	W	W	286.5	W	-
September 2018	W	W	W	W	-
October 2017	W	W	481.9	W	-
California					
October 2018	-	-	-	-	W
September 2018	-	-	-	-	W
October 2017	-	-	-	-	W
Hawaii					
October 2018	W	W	W	W	W
September 2018	W	W	W	W	W
October 2017	W	W	W	W	W
Nevada					
October 2018	W	W	W	1,825.8	W
September 2018	W	W	W	1,840.1	W
October 2017	W	W	W	1,843.1	W
Oregon					
October 2018	115.0	115.0	W	3,455.4	W
September 2018	115.9	115.9	906.8	3,445.7	-
October 2017	115.3	115.3	952.9	3,421.6	136.4
Washington					
October 2018	407.7	415.2	W	5,911.4	W
September 2018	422.5	429.4	W	5,929.1	W
October 2017	422.6	429.9	W	6,070.9	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Colorado					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Idaho					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Montana					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Utah					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Wyoming					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
PAD District 5					
October 2018	4,573.5	W	W	20,473.0	W
September 2018	4,635.5	W	W	20,682.9	W
October 2017	W	4,530.9	W	W	W
Alaska					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Arizona					
October 2018	-	W	W	W	W
September 2018	-	W	W	W	W
October 2017	-	W	W	W	W
California					
October 2018	4,573.5	4,574.9	15,377.8	W	W
September 2018	4,635.5	4,636.5	15,620.2	W	W
October 2017	W	W	15,324.2	19,032.7	W
Hawaii					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Nevada					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Oregon					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-
Washington					
October 2018	-	-	-	-	-
September 2018	-	-	-	-	-
October 2017	-	-	-	-	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4					
October 2018	W	W	W	12,959.5	W
September 2018	W	W	W	13,391.1	W
October 2017	W	527.1	W	13,274.5	W
Colorado					
October 2018	211.4	216.4	W	5,319.5	W
September 2018	218.9	224.3	W	5,599.0	W
October 2017	231.3	235.2	W	5,676.5	W
Idaho					
October 2018	W	W	-	1,688.1	-
September 2018	W	W	-	1,696.8	-
October 2017	W	W	-	1,615.6	-
Montana					
October 2018	W	W	-	1,477.8	-
September 2018	W	W	-	1,572.9	-
October 2017	W	W	-	1,688.3	-
Utah					
October 2018	W	W	W	3,442.3	W
September 2018	W	W	W	3,457.9	W
October 2017	W	W	W	3,282.7	W
Wyoming					
October 2018	W	13.0	-	1,031.8	-
September 2018	W	14.2	-	1,064.4	-
October 2017	W	13.1	-	1,011.5	-
PAD District 5					
October 2018	5,992.1	6,066.7	W	34,316.3	W
September 2018	6,099.4	6,169.6	W	34,555.6	W
October 2017	5,991.2	6,061.5	20,464.0	35,682.5	2,181.0
Alaska					
October 2018	W	W	W	W	W
September 2018	W	W	W	W	NA
October 2017	W	W	101.7	W	W
Arizona					
October 2018	W	W	W	4,840.6	W
September 2018	W	W	W	4,867.5	W
October 2017	W	W	W	4,686.7	W
California					
October 2018	4,573.5	4,574.9	15,377.8	17,517.4	1,952.9
September 2018	4,635.5	4,636.5	15,620.2	17,670.4	2,288.1
October 2017	4,526.1	4,527.9	15,324.2	19,032.7	1,635.7
Hawaii					
October 2018	W	W	W	W	W
September 2018	W	W	W	W	W
October 2017	W	W	W	W	W
Nevada					
October 2018	W	W	W	1,825.8	W
September 2018	W	W	W	1,840.1	W
October 2017	W	W	W	1,843.1	W
Oregon					
October 2018	115.0	115.0	W	3,455.4	W
September 2018	115.9	115.9	906.8	3,445.7	-
October 2017	115.3	115.3	952.9	3,421.6	136.4
Washington					
October 2018	407.7	415.2	W	5,911.4	W
September 2018	422.5	429.4	W	5,929.1	W
October 2017	422.6	429.9	W	6,070.9	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
October 2018	W	532.3	32,140.0	37,875.6	W	1,007.5	77.8	1,245.8	4,184.8	28,478.0
September 2018	W	383.5	32,168.4	40,214.0	2.2	1,800.9	W	384.7	3,744.9	20,790.7
October 2017	W	458.9	29,483.2	39,373.4	W	1,038.2	73.9	1,004.8	3,863.3	30,382.8
PAD District 1										
October 2018	W	127.0	5,960.3	5,907.1	W	461.1	-	W	W	5,115.1
September 2018	W	117.7	5,681.1	7,776.1	W	410.1	-	1.2	W	4,529.8
October 2017	W	126.4	3,880.1	7,296.8	W	409.3	-	W	W	5,176.6
Subdistrict 1A										
October 2018	-	W	225.6	824.6	W	-	-	-	W	865.9
September 2018	-	W	154.2	595.8	W	-	-	-	W	627.4
October 2017	-	W	219.6	860.3	W	-	-	-	W	802.2
Connecticut										
October 2018	-	-	W	W	-	-	-	-	-	96.9
September 2018	-	-	W	W	-	-	-	-	-	91.0
October 2017	-	-	W	W	-	-	-	-	-	89.1
Maine										
October 2018	-	W	W	W	-	-	-	-	W	264.3
September 2018	-	W	W	W	-	-	-	-	W	191.3
October 2017	-	W	W	W	-	-	-	-	W	254.9
Massachusetts										
October 2018	-	-	W	773.3	W	-	-	-	-	114.6
September 2018	-	-	79.7	549.3	W	-	-	-	-	85.2
October 2017	-	-	W	809.6	W	-	-	-	-	116.9
New Hampshire										
October 2018	-	-	W	W	W	-	-	-	-	102.3
September 2018	-	-	W	W	W	-	-	-	-	W
October 2017	-	-	W	W	W	-	-	-	-	86.2
Rhode Island										
October 2018	-	-	W	W	W	-	-	-	-	W
September 2018	-	-	W	W	W	-	-	-	-	W
October 2017	-	-	W	W	W	-	-	-	-	W
Vermont										
October 2018	-	-	W	W	-	-	-	-	W	W
September 2018	-	-	W	W	-	-	-	-	-	W
October 2017	-	-	W	W	-	-	-	-	-	W
Subdistrict 1B										
October 2018	W	W	2,653.4	3,379.5	4.6	396.5	-	W	-	1,977.2
September 2018	W	W	2,603.0	5,489.4	1.1	393.6	-	W	-	1,876.9
October 2017	W	W	1,890.8	4,828.1	W	368.7	-	1.3	W	1,799.2
Delaware										
October 2018	-	-	-	W	W	W	-	-	-	135.7
September 2018	-	-	-	-	W	W	-	-	-	W
October 2017	-	-	-	W	W	W	-	-	-	W
District of Columbia										
October 2018	-	-	-	-	-	-	-	-	-	-
September 2018	-	-	-	-	-	-	-	-	-	-
October 2017	-	-	-	-	-	-	-	-	-	-
Maryland										
October 2018	-	-	W	W	-	W	-	-	-	44.0
September 2018	-	-	W	53.5	-	W	-	-	-	W
October 2017	-	-	W	48.5	-	W	-	-	-	W
New Jersey										
October 2018	-	-	1,092.5	2,939.9	W	299.1	-	-	-	248.8
September 2018	-	-	976.5	3,380.6	W	W	-	-	-	147.4
October 2017	-	-	722.5	W	W	W	-	-	-	282.5
New York										
October 2018	-	W	1,275.6	72.7	W	32.2	-	W	-	405.6
September 2018	W	W	1,311.2	108.7	W	9.4	-	W	-	335.1
October 2017	W	W	872.4	94.0	W	W	-	W	W	385.8
Pennsylvania										
October 2018	W	W	W	298.8	1.6	W	-	W	-	1,143.1
September 2018	-	W	W	1,946.6	0.6	W	-	W	-	1,189.8
October 2017	-	W	W	1,521.0	W	1.6	-	W	W	931.7

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C										
October 2018	W	97.6	3,081.3	1,703.0	W	64.6	-	W	-	2,272.1
September 2018	W	87.5	2,923.9	1,690.8	W	16.5	-	W	-	2,025.5
October 2017	-	91.7	1,769.7	1,608.5	W	40.6	-	W	W	2,575.3
Florida										
October 2018	-	64.7	2,103.9	1,168.5	W	-	-	-	-	307.8
September 2018	-	67.3	1,981.0	1,092.1	W	-	-	-	-	264.9
October 2017	-	66.0	1,027.1	1,181.3	W	-	-	-	-	364.9
Georgia										
October 2018	W	W	W	92.6	-	W	-	W	-	483.0
September 2018	W	W	W	184.8	-	W	-	W	-	398.0
October 2017	-	W	W	127.6	-	W	-	W	-	474.1
North Carolina										
October 2018	-	W	W	266.5	W	W	-	-	-	677.6
September 2018	-	W	W	258.8	W	W	-	-	-	687.1
October 2017	-	W	W	124.3	W	W	-	-	-	753.8
South Carolina										
October 2018	-	-	W	76.4	W	W	-	-	-	517.8
September 2018	-	-	W	71.6	W	W	-	-	-	401.5
October 2017	-	-	W	72.6	W	W	-	-	-	432.6
Virginia										
October 2018	-	W	473.2	W	-	W	-	-	-	100.3
September 2018	-	W	447.7	W	-	W	-	-	-	99.8
October 2017	-	W	366.2	W	-	W	-	-	-	174.6
West Virginia										
October 2018	-	-	W	W	W	-	-	-	-	185.6
September 2018	-	-	W	W	W	-	-	-	-	174.1
October 2017	-	-	W	W	W	-	-	-	W	375.3
PAD District 2										
October 2018	W	W	6,543.5	5,037.5	W	W	7.2	726.5	W	11,846.0
September 2018	W	88.9	6,071.0	4,842.1	W	W	W	184.4	W	7,957.6
October 2017	W	W	5,505.8	5,163.5	W	W	7.7	545.5	W	10,249.6
Illinois										
October 2018	W	W	1,568.7	W	W	W	W	12.5	W	1,551.5
September 2018	W	W	1,495.4	W	W	W	NA	W	W	1,097.5
October 2017	W	W	NA	W	W	W	W	8.3	W	1,793.9
Indiana										
October 2018	-	-	995.6	238.8	W	10.6	-	W	-	200.2
September 2018	-	-	1,023.7	252.3	W	W	-	W	-	310.5
October 2017	-	-	851.0	305.5	W	8.6	-	W	W	428.6
Iowa										
October 2018	-	-	W	83.1	-	-	-	36.3	W	1,133.0
September 2018	-	-	W	65.0	-	-	-	W	W	414.5
October 2017	-	-	10.7	70.0	-	W	-	44.0	W	939.5
Kansas										
October 2018	W	W	W	W	-	W	W	64.9	-	3,210.1
September 2018	W	W	W	W	-	W	-	14.5	-	2,288.6
October 2017	W	W	W	W	-	W	W	52.0	-	2,435.3
Kentucky										
October 2018	-	W	1,118.1	W	W	W	W	W	W	631.2
September 2018	W	W	941.8	555.7	W	W	-	W	-	516.4
October 2017	-	W	W	W	W	W	W	W	-	444.9
Michigan										
October 2018	W	-	W	432.0	W	W	W	W	W	563.6
September 2018	-	-	W	444.7	W	W	W	W	W	379.9
October 2017	W	-	NA	556.5	W	W	W	W	W	492.2
Minnesota										
October 2018	W	W	161.6	W	W	W	W	143.7	W	1,046.2
September 2018	W	W	173.2	W	W	W	W	30.0	W	427.2
October 2017	W	W	W	W	W	W	W	98.8	W	890.9
Missouri										
October 2018	W	W	W	W	-	W	W	4.6	-	385.6
September 2018	W	-	W	W	-	-	W	1.3	-	321.1
October 2017	W	-	W	W	-	-	-	1.6	-	292.2

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)										
Nebraska										
October 2018	W	-	W	W	-	-	W	47.8	-	289.2
September 2018	W	-	W	W	-	-	-	16.5	-	206.7
October 2017	W	-	W	W	-	-	W	42.2	-	253.4
North Dakota										
October 2018	-	-	W	W	-	-	W	198.7	W	710.5
September 2018	-	-	W	W	-	-	W	50.4	W	475.6
October 2017	-	-	W	W	-	-	W	163.6	W	540.1
Ohio										
October 2018	W	W	480.7	541.8	W	W	-	W	-	699.3
September 2018	W	W	419.6	432.3	W	W	-	W	-	590.6
October 2017	-	W	478.8	647.3	W	W	-	W	-	612.6
Oklahoma										
October 2018	W	-	W	566.4	-	W	-	W	-	304.7
September 2018	W	-	W	514.1	-	W	-	W	-	226.1
October 2017	W	-	W	475.2	-	W	-	28.3	-	211.3
South Dakota										
October 2018	W	-	W	-	-	-	W	39.5	W	255.0
September 2018	-	-	W	-	-	-	W	11.9	W	141.3
October 2017	-	-	W	-	-	-	W	59.0	W	191.0
Tennessee										
October 2018	W	16.4	W	192.0	W	W	-	W	-	187.5
September 2018	W	W	1,107.4	176.3	W	W	-	W	-	150.2
October 2017	-	19.0	W	160.0	W	W	-	W	-	168.9
Wisconsin										
October 2018	-	-	62.6	W	W	W	W	34.4	W	678.3
September 2018	-	-	62.5	W	W	W	W	W	W	411.6
October 2017	-	-	W	W	W	W	-	24.0	W	554.9
PAD District 3										
October 2018	W	130.1	5,463.0	17,842.9	-	441.4	-	W	3,793.7	8,704.4
September 2018	W	85.5	6,109.2	18,693.4	-	1,355.7	-	-	3,563.6	5,795.3
October 2017	W	142.1	6,851.0	18,604.8	-	563.4	-	W	3,580.4	11,908.0
Alabama										
October 2018	-	W	72.2	71.2	-	W	-	-	-	249.2
September 2018	-	W	58.5	63.0	-	W	-	-	-	196.1
October 2017	-	-	95.2	W	-	W	-	-	-	244.5
Arkansas										
October 2018	-	-	W	W	-	-	-	-	-	W
September 2018	W	W	W	W	-	-	-	-	-	W
October 2017	W	-	W	96.4	-	-	-	-	-	W
Louisiana										
October 2018	W	6.5	604.6	6,046.0	-	W	-	W	977.5	192.8
September 2018	-	6.1	664.0	5,608.6	-	W	-	-	783.6	247.3
October 2017	-	4.1	1,193.4	6,922.0	-	W	-	W	W	123.3
Mississippi										
October 2018	-	W	962.8	1,946.0	-	W	-	-	-	436.8
September 2018	-	W	1,090.3	1,569.6	-	-	-	-	-	369.8
October 2017	-	W	W	1,600.9	-	W	-	-	-	280.0
New Mexico										
October 2018	W	-	W	W	-	-	-	-	-	W
September 2018	W	-	W	W	-	-	-	-	-	W
October 2017	W	-	W	W	-	-	-	-	W	W
Texas										
October 2018	W	W	3,750.7	9,674.2	-	W	-	-	2,816.3	7,689.7
September 2018	W	W	4,212.2	11,305.3	-	W	-	-	2,780.0	4,863.4
October 2017	W	W	4,658.2	9,832.7	-	3.9	-	-	2,866.2	11,148.0

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
October 2018	W	W	930.0	1,016.4	W	-	W	171.4	W	1,021.5
September 2018	W	W	929.6	1,183.0	-	-	W	37.0	W	799.0
October 2017	W	W	969.4	843.4	-	-	W	179.6	W	904.9
Colorado										
October 2018	W	-	285.7	654.3	-	-	-	53.4	W	386.2
September 2018	W	-	322.0	756.6	-	-	-	7.5	W	313.0
October 2017	W	-	W	NA	-	-	-	62.8	-	339.6
Idaho										
October 2018	-	-	W	25.3	W	-	W	W	W	47.3
September 2018	-	-	W	25.9	-	-	-	W	W	W
October 2017	-	-	W	13.2	-	-	W	8.9	W	W
Montana										
October 2018	-	W	W	W	-	-	W	43.0	W	122.0
September 2018	W	W	W	W	-	-	W	16.6	W	138.6
October 2017	-	W	W	W	-	-	W	56.3	W	150.1
Utah										
October 2018	W	W	473.5	269.1	-	-	-	W	-	122.2
September 2018	W	W	418.9	302.3	-	-	-	W	-	W
October 2017	W	W	465.1	246.8	-	-	-	14.4	-	W
Wyoming										
October 2018	-	-	W	W	-	-	W	53.2	-	343.8
September 2018	-	-	W	W	-	-	W	6.5	-	221.8
October 2017	-	-	W	W	-	-	-	37.2	W	305.5
PAD District 5										
October 2018	W	175.9	13,243.2	8,071.7	-	W	W	342.8	W	1,790.9
September 2018	W	W	13,377.5	7,719.5	-	W	W	162.0	W	1,709.0
October 2017	W	71.4	12,276.9	7,464.9	W	W	W	277.1	W	2,143.7
Alaska										
October 2018	W	W	W	W	-	-	W	W	W	W
September 2018	W	W	W	W	-	-	W	W	W	W
October 2017	W	W	W	W	-	-	W	W	W	W
Arizona										
October 2018	W	W	75.6	367.2	-	-	-	-	-	130.8
September 2018	W	W	65.3	325.9	-	-	-	-	-	168.8
October 2017	W	W	156.9	242.0	-	-	-	-	-	135.3
California										
October 2018	W	W	8,055.4	6,187.5	-	W	-	-	-	1,043.8
September 2018	W	37.6	8,372.6	5,679.1	-	W	-	-	-	923.8
October 2017	-	36.0	7,617.5	5,772.9	-	W	-	-	W	1,274.1
Hawaii										
October 2018	-	W	W	W	-	-	-	-	-	W
September 2018	-	W	W	W	-	-	-	-	-	W
October 2017	-	W	W	W	-	-	-	-	-	W
Nevada										
October 2018	-	-	W	226.7	-	-	-	-	-	118.1
September 2018	-	-	W	W	-	-	-	-	-	76.6
October 2017	-	-	W	W	-	-	-	-	-	89.4
Oregon										
October 2018	-	20.3	425.4	66.5	-	-	-	W	W	71.5
September 2018	-	18.6	520.0	69.9	-	-	-	W	W	W
October 2017	-	12.7	W	73.8	-	-	-	W	W	76.1
Washington										
October 2018	-	W	2,138.6	276.2	-	-	-	W	W	386.5
September 2018	-	W	1,814.2	390.9	-	-	-	W	W	434.7
October 2017	-	W	1,688.1	233.3	W	-	W	W	W	527.4

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
October 2018	12,925.6	160,590.5	W	W	W	W
September 2018	12,691.3	152,985.3	W	W	W	W
October 2017	11,986.5	154,629.8	W	3,343.9	W	1,086.3
PAD District 1						
October 2018	W	W	-	-	-	W
September 2018	W	30,248.8	-	W	-	W
October 2017	W	29,307.2	-	W	-	W
Subdistrict 1A						
October 2018	W	1,782.0	-	-	-	-
September 2018	W	1,333.8	-	-	-	-
October 2017	W	W	-	-	-	-
Connecticut						
October 2018	W	635.7	-	-	-	-
September 2018	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
Maine						
October 2018	-	W	-	-	-	-
September 2018	-	W	-	-	-	-
October 2017	-	W	-	-	-	-
Massachusetts						
October 2018	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
New Hampshire						
October 2018	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
Rhode Island						
October 2018	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
Vermont						
October 2018	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
Subdistrict 1B						
October 2018	W	W	-	-	-	W
September 2018	W	W	-	-	-	W
October 2017	W	W	-	W	-	W
Delaware						
October 2018	W	605.1	-	-	-	-
September 2018	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
District of Columbia						
October 2018	-	W	-	-	-	-
September 2018	-	W	-	-	-	-
October 2017	-	W	-	-	-	-
Maryland						
October 2018	W	1,291.1	-	-	-	W
September 2018	-	W	-	-	-	W
October 2017	W	W	-	-	-	-
New Jersey						
October 2018	173.6	7,256.0	-	-	-	-
September 2018	170.3	5,542.6	-	-	-	-
October 2017	153.2	W	-	W	-	-
New York						
October 2018	W	W	-	-	-	W
September 2018	180.1	W	-	-	-	W
October 2017	175.8	W	-	-	-	W
Pennsylvania						
October 2018	W	5,196.9	-	-	-	-
September 2018	W	6,400.9	-	-	-	-
October 2017	W	W	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
October 2018	927.0	15,328.7	-	-	-	-
September 2018	812.3	W	-	W	-	-
October 2017	785.9	W	-	-	-	-
Florida						
October 2018	255.6	4,901.7	-	-	-	-
September 2018	247.2	W	-	W	-	-
October 2017	260.5	4,634.7	-	-	-	-
Georgia						
October 2018	75.4	2,641.3	-	-	-	-
September 2018	90.1	2,457.2	-	-	-	-
October 2017	65.4	2,355.0	-	-	-	-
North Carolina						
October 2018	416.3	W	-	-	-	-
September 2018	359.7	W	-	-	-	-
October 2017	W	W	-	-	-	-
South Carolina						
October 2018	W	W	-	-	-	-
September 2018	38.8	1,493.5	-	-	-	-
October 2017	W	1,340.3	-	-	-	-
Virginia						
October 2018	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
October 2017	12.8	2,357.6	-	-	-	-
West Virginia						
October 2018	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
PAD District 2						
October 2018	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
Illinois						
October 2018	372.2	7,192.6	-	-	-	-
September 2018	327.3	6,865.4	-	-	-	-
October 2017	W	6,021.0	-	-	-	-
Indiana						
October 2018	W	4,219.5	-	-	-	-
September 2018	W	3,830.5	-	-	-	-
October 2017	W	3,944.8	-	-	-	-
Iowa						
October 2018	19.6	2,314.4	-	-	-	-
September 2018	W	1,949.9	-	-	-	-
October 2017	15.0	2,668.3	-	-	-	-
Kansas						
October 2018	413.7	3,651.6	-	-	-	-
September 2018	539.0	3,657.9	-	-	-	-
October 2017	379.6	3,330.6	-	-	-	-
Kentucky						
October 2018	469.6	2,027.5	-	-	-	-
September 2018	431.0	W	-	-	-	-
October 2017	W	1,792.9	-	-	-	-
Michigan						
October 2018	242.3	W	-	-	-	-
September 2018	227.3	W	-	-	-	-
October 2017	W	W	-	-	-	-
Minnesota						
October 2018	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
October 2017	W	3,602.8	-	-	-	-
Missouri						
October 2018	2.8	1,699.8	-	-	-	-
September 2018	W	1,696.2	-	-	-	-
October 2017	W	1,834.9	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
October 2018	W	1,560.4	-	-	-	-
September 2018	W	1,454.1	-	-	-	-
October 2017	W	1,648.2	-	-	-	-
North Dakota						
October 2018	W	1,644.5	-	-	-	-
September 2018	W	1,677.3	-	-	-	-
October 2017	W	1,760.8	-	-	-	-
Ohio						
October 2018	788.1	5,773.4	-	-	-	-
September 2018	698.3	5,110.3	-	-	-	-
October 2017	725.2	5,022.1	-	-	-	-
Oklahoma						
October 2018	W	7,379.7	-	-	-	-
September 2018	W	5,876.9	-	-	-	-
October 2017	533.8	5,505.1	-	-	-	-
South Dakota						
October 2018	W	768.5	-	-	-	-
September 2018	W	648.7	-	-	-	-
October 2017	W	847.3	-	-	-	-
Tennessee						
October 2018	363.7	3,829.8	-	-	-	-
September 2018	344.4	3,685.1	-	-	-	-
October 2017	283.8	3,434.5	-	-	-	-
Wisconsin						
October 2018	W	2,331.7	-	-	-	-
September 2018	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
PAD District 3						
October 2018	2,819.7	49,140.8	-	W	-	W
September 2018	W	49,023.1	-	W	W	W
October 2017	W	51,522.2	W	W	-	W
Alabama						
October 2018	137.8	1,860.6	-	-	-	-
September 2018	137.8	1,832.7	-	-	-	-
October 2017	159.1	1,532.6	-	-	-	-
Arkansas						
October 2018	W	1,486.0	-	-	-	-
September 2018	W	1,391.5	-	-	-	-
October 2017	W	1,556.5	-	-	-	-
Louisiana						
October 2018	207.1	W	-	W	-	W
September 2018	277.6	W	-	W	-	W
October 2017	197.0	12,622.7	-	W	-	NA
Mississippi						
October 2018	41.9	W	-	-	-	-
September 2018	45.8	W	-	-	-	-
October 2017	31.0	1,847.1	-	-	-	W
New Mexico						
October 2018	432.6	1,275.4	-	-	-	-
September 2018	425.8	1,226.9	-	-	-	-
October 2017	356.4	1,376.1	-	-	-	-
Texas						
October 2018	W	W	-	-	-	W
September 2018	1,787.5	W	-	-	W	W
October 2017	1,689.2	32,587.3	W	W	-	W

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
October 2018	W	6,967.1	-	-	-	-
September 2018	W	6,936.4	-	-	-	-
October 2017	W	7,068.9	-	-	-	-
Colorado						
October 2018	238.8	2,208.0	-	-	-	-
September 2018	241.6	2,051.7	-	-	-	-
October 2017	231.7	2,255.9	-	-	-	-
Idaho						
October 2018	W	769.1	-	-	-	-
September 2018	W	718.5	-	-	-	-
October 2017	W	864.7	-	-	-	-
Montana						
October 2018	W	1,179.9	-	-	-	-
September 2018	W	1,184.1	-	-	-	-
October 2017	W	1,246.7	-	-	-	-
Utah						
October 2018	W	1,556.6	-	-	-	-
September 2018	W	1,778.1	-	-	-	-
October 2017	W	1,649.6	-	-	-	-
Wyoming						
October 2018	334.3	1,253.5	-	-	-	-
September 2018	370.7	1,204.0	-	-	-	-
October 2017	402.3	1,052.1	-	-	-	-
PAD District 5						
October 2018	W	W	W	-	W	W
September 2018	W	W	W	-	W	W
October 2017	W	W	W	-	W	W
Alaska						
October 2018	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
October 2017	W	W	-	-	-	-
Arizona						
October 2018	442.2	990.0	-	-	-	-
September 2018	441.5	1,069.8	-	-	-	-
October 2017	381.3	1,108.5	-	-	-	-
California						
October 2018	1,163.8	W	-	-	-	W
September 2018	1,335.1	W	-	-	-	W
October 2017	1,096.9	W	-	-	-	W
Hawaii						
October 2018	W	W	W	-	W	W
September 2018	W	W	W	-	W	W
October 2017	W	W	W	-	W	W
Nevada						
October 2018	W	508.4	-	-	-	-
September 2018	W	452.3	-	-	-	-
October 2017	W	529.5	-	-	-	-
Oregon						
October 2018	3.9	2,224.9	-	-	-	-
September 2018	4.1	2,128.0	-	-	-	-
October 2017	7.1	2,223.3	-	-	-	-
Washington						
October 2018	W	3,486.6	-	-	-	-
September 2018	W	3,870.5	-	-	-	-
October 2017	W	3,697.2	-	-	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States				
October 2018	60.5	9,708.5	13,205.3	172,080.0
September 2018	43.3	4,676.6	13,302.3	160,959.0
October 2017	107.5	6,894.1	12,382.3	165,954.1
PAD District 1				
October 2018	W	6,612.3	1,638.3	39,538.1
September 2018	W	3,948.5	1,480.0	34,344.7
October 2017	W	4,642.6	1,483.4	34,354.0
Subdistrict 1A				
October 2018	-	1,135.5	W	2,917.5
September 2018	-	818.1	W	2,151.9
October 2017	-	W	W	1,181.5
Connecticut				
October 2018	-	524.2	W	1,159.9
September 2018	-	W	W	1,001.7
October 2017	-	W	W	NA
Maine				
October 2018	-	W	-	W
September 2018	-	W	-	W
October 2017	-	W	-	201.5
Massachusetts				
October 2018	-	W	W	409.0
September 2018	-	W	W	400.6
October 2017	-	W	W	251.5
New Hampshire				
October 2018	-	W	W	W
September 2018	-	W	W	W
October 2017	-	W	W	W
Rhode Island				
October 2018	-	W	W	NA
September 2018	-	W	W	NA
October 2017	-	W	W	289.1
Vermont				
October 2018	-	W	W	W
September 2018	-	W	W	W
October 2017	-	W	W	W
Subdistrict 1B				
October 2018	W	5,116.5	W	20,931.5
September 2018	W	2,665.0	W	17,093.8
October 2017	W	4,322.9	W	19,188.9
Delaware				
October 2018	-	W	W	W
September 2018	-	W	W	W
October 2017	-	W	W	W
District of Columbia				
October 2018	-	-	-	W
September 2018	-	-	-	W
October 2017	-	-	-	W
Maryland				
October 2018	-	W	W	1,454.1
September 2018	-	106.1	-	1,261.7
October 2017	-	W	W	1,107.6
New Jersey				
October 2018	-	3,329.6	173.6	10,585.6
September 2018	-	1,541.3	170.3	7,083.9
October 2017	-	2,271.5	153.2	8,668.5
New York				
October 2018	W	357.8	190.9	1,801.1
September 2018	-	W	180.1	1,219.2
October 2017	-	262.0	175.8	1,217.5
Pennsylvania				
October 2018	W	707.4	292.6	5,904.3
September 2018	W	669.1	286.6	7,070.0
October 2017	W	W	322.5	7,654.5

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
October 2018	-	360.4	927.0	15,689.1
September 2018	-	465.4	812.3	15,099.0
October 2017	-	W	785.9	13,983.6
Florida				
October 2018	-	-	255.6	4,901.7
September 2018	-	W	247.2	4,729.3
October 2017	-	-	260.5	4,634.7
Georgia				
October 2018	-	-	75.4	2,641.3
September 2018	-	-	90.1	2,457.2
October 2017	-	-	65.4	2,355.0
North Carolina				
October 2018	-	W	416.3	2,892.1
September 2018	-	W	359.7	2,713.0
October 2017	-	W	W	2,674.4
South Carolina				
October 2018	-	W	W	1,670.8
September 2018	-	-	38.8	1,493.5
October 2017	-	-	W	1,340.3
Virginia				
October 2018	-	W	W	2,731.4
September 2018	-	W	W	3,005.5
October 2017	-	-	12.8	2,357.6
West Virginia				
October 2018	-	W	W	851.8
September 2018	-	W	W	700.5
October 2017	-	W	W	621.6
PAD District 2				
October 2018	W	W	4,896.9	50,049.7
September 2018	W	W	4,519.0	45,323.1
October 2017	W	W	4,398.2	46,611.4
Illinois				
October 2018	-	-	372.2	7,192.6
September 2018	-	-	327.3	6,865.4
October 2017	-	-	W	6,021.0
Indiana				
October 2018	-	-	W	4,219.5
September 2018	-	-	W	3,830.5
October 2017	-	-	W	3,944.8
Iowa				
October 2018	-	-	19.6	2,314.4
September 2018	-	-	W	1,949.9
October 2017	-	-	15.0	2,668.3
Kansas				
October 2018	-	-	413.7	3,651.6
September 2018	-	-	539.0	3,657.9
October 2017	-	-	379.6	3,330.6
Kentucky				
October 2018	-	-	469.6	2,027.5
September 2018	-	W	431.0	1,814.1
October 2017	-	-	W	1,792.9
Michigan				
October 2018	-	W	242.3	2,668.9
September 2018	-	W	227.3	2,479.2
October 2017	-	W	W	2,785.2
Minnesota				
October 2018	W	W	340.4	2,987.4
September 2018	W	W	308.3	2,519.6
October 2017	W	-	316.6	3,602.8
Missouri				
October 2018	-	-	2.8	1,699.8
September 2018	-	-	W	1,696.2
October 2017	-	-	W	1,834.9

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)				
Nebraska				
October 2018	-	-	W	1,560.4
September 2018	-	-	W	1,454.1
October 2017	-	-	W	1,648.2
North Dakota				
October 2018	W	-	W	1,644.5
September 2018	W	-	W	1,677.3
October 2017	W	-	W	1,760.8
Ohio				
October 2018	-	-	788.1	5,773.4
September 2018	-	-	698.3	5,110.3
October 2017	-	-	725.2	5,022.1
Oklahoma				
October 2018	-	-	W	7,379.7
September 2018	-	-	W	5,876.9
October 2017	-	-	533.8	5,505.1
South Dakota				
October 2018	W	-	W	768.5
September 2018	W	-	W	648.7
October 2017	W	-	W	847.3
Tennessee				
October 2018	-	-	363.7	3,829.8
September 2018	-	-	344.4	3,685.1
October 2017	-	-	283.8	3,434.5
Wisconsin				
October 2018	W	-	55.9	2,331.7
September 2018	W	W	46.4	2,057.9
October 2017	W	W	50.4	2,412.7
PAD District 3				
October 2018	-	3,030.7	2,819.7	53,077.6
September 2018	-	651.3	3,035.5	52,519.4
October 2017	-	2,161.2	2,531.6	57,138.7
Alabama				
October 2018	-	-	137.8	1,860.6
September 2018	-	-	137.8	1,832.7
October 2017	-	-	159.1	1,532.6
Arkansas				
October 2018	-	-	W	1,486.0
September 2018	-	-	W	1,391.5
October 2017	-	-	W	1,556.5
Louisiana				
October 2018	-	W	207.1	11,542.8
September 2018	-	W	277.6	13,338.8
October 2017	-	W	197.0	16,690.5
Mississippi				
October 2018	-	W	W	2,961.3
September 2018	-	W	W	2,479.8
October 2017	-	W	W	2,050.3
New Mexico				
October 2018	-	-	432.6	1,275.4
September 2018	-	-	425.8	1,226.9
October 2017	-	-	356.4	1,376.1
Texas				
October 2018	-	1,963.2	1,828.3	33,951.5
September 2018	-	371.2	1,997.5	32,249.7
October 2017	-	1,171.7	1,697.4	33,932.8

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4				
October 2018	W	-	1,283.1	6,967.1
September 2018	W	-	1,308.0	6,936.4
October 2017	W	-	1,456.4	7,068.9
Colorado				
October 2018	-	-	238.8	2,208.0
September 2018	-	-	241.6	2,051.7
October 2017	-	-	231.7	2,255.9
Idaho				
October 2018	W	-	W	769.1
September 2018	W	-	W	718.5
October 2017	W	-	W	864.7
Montana				
October 2018	-	-	W	1,179.9
September 2018	-	-	W	1,184.1
October 2017	-	-	W	1,246.7
Utah				
October 2018	W	-	464.9	1,556.6
September 2018	W	-	423.7	1,778.1
October 2017	W	-	323.8	1,649.6
Wyoming				
October 2018	-	-	334.3	1,253.5
September 2018	-	-	370.7	1,204.0
October 2017	-	-	402.3	1,052.1
PAD District 5				
October 2018	W	W	2,567.3	22,447.5
September 2018	W	W	2,959.9	21,835.4
October 2017	W	W	2,512.7	20,781.0
Alaska				
October 2018	W	W	W	W
September 2018	W	W	W	W
October 2017	W	W	W	W
Arizona				
October 2018	-	-	442.2	990.0
September 2018	-	-	441.5	1,069.8
October 2017	-	-	381.3	1,108.5
California				
October 2018	-	-	1,163.8	14,618.6
September 2018	-	-	1,335.1	13,782.4
October 2017	-	-	1,096.9	12,469.4
Hawaii				
October 2018	-	-	W	W
September 2018	-	-	W	W
October 2017	-	-	W	W
Nevada				
October 2018	W	-	NA	508.4
September 2018	W	-	W	452.3
October 2017	W	-	W	529.5
Oregon				
October 2018	-	-	3.9	2,224.9
September 2018	-	-	4.1	2,128.0
October 2017	-	-	7.1	2,223.3
Washington				
October 2018	W	-	262.1	3,486.6
September 2018	W	-	356.0	3,870.5
October 2017	W	-	371.9	3,697.2

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District

thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
October 2018	W	240.4	W	7,044.0	3,688.8	7,284.4	-	W
September 2018	W	220.9	W	7,610.5	3,582.8	7,831.4	-	W
October 2017	W	597.6	W	7,780.4	3,548.9	8,378.0	-	W
PAD District 1								
October 2018	W	W	W	W	W	W	-	-
September 2018	W	W	W	W	W	2,040.2	-	-
October 2017	W	W	W	W	W	2,233.9	-	-
Subdistrict 1A								
October 2018	-	-	-	-	-	-	-	-
September 2018	-	-	-	-	-	-	-	-
October 2017	-	-	-	-	-	-	-	-
Subdistrict 1B								
October 2018	W	W	W	W	W	W	-	-
September 2018	W	W	W	W	W	2,040.2	-	-
October 2017	W	W	W	W	W	W	-	-
Subdistrict 1C								
October 2018	-	-	-	-	-	-	-	-
September 2018	-	-	-	-	-	-	-	-
October 2017	-	-	NA	W	NA	W	-	-
PAD District 2								
October 2018	-	-	W	W	W	W	-	-
September 2018	-	-	W	W	W	W	-	-
October 2017	-	-	-	W	-	W	-	W
PAD District 3								
October 2018	-	W	W	W	W	3,440.7	-	W
September 2018	-	W	W	W	W	4,375.7	-	W
October 2017	-	W	W	W	W	4,860.6	-	W
PAD District 4								
October 2018	-	-	-	W	-	W	-	-
September 2018	-	-	-	W	-	W	-	-
October 2017	-	-	-	W	-	W	-	-
PAD District 5								
October 2018	W	W	W	W	2,800.4	1,315.8	-	-
September 2018	W	W	W	W	2,805.0	1,333.9	-	-
October 2017	W	W	W	W	2,762.1	1,179.5	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."